

## DECLARATION AND POWER OF ATTORNEY

### DECLARATION:

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe, the below named inventors are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention for SYSTEM AND METHOD FOR JOINT DE-INTERLACING AND DOWN-SAMPLING USING ADAPTIVE FRAME AND FIELD FILTERING, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### POWER OF ATTORNEY:

I hereby appoint the following attorneys with full power of substitution to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**Dirk Brinkman, Reg. No. 35,460**

**Andrew J. Curtin, Reg. No. 48,485**

All correspondence should be addressed to:

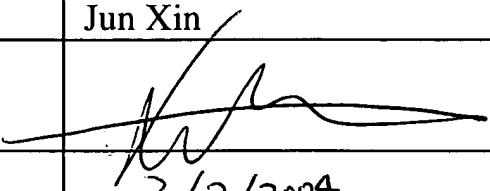
**Patent Department**

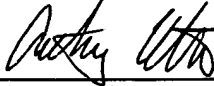
**Mitsubishi Electric Research Laboratories, Inc.**


**201 Broadway**

**Cambridge, Massachusetts 02139**

All telephone calls should be directed to Dirk Brinkman, (617) 621-7539.

Inventor's Full Name:	Jun Xin
Inventor's Signature:	
Date:	3/2/2004
Residence: (City, State and/or country)	1071 Southern Artery, Apt 204 Quincy, MA 02169
Citizenship:	China
Post Office Address:	1071 Southern Artery, Apt 204 Quincy, MA 02169

Inventor's Full Name:	Anthony Vetro
Inventor's Signature:	
Date:	2-26-2004
Residence: (City, State and/or country)	353 Harvard Street Unit 45 Cambridge, MA 02138 USA
Citizenship:	USA
Post Office Address:	353 Harvard Street Unit 45 Cambridge, MA 02138 USA

Inventor's Full Name:	Huifang Sun
Inventor's Signature:	
Date:	2-27-2009
Residence: (City, State and/or country)	2 Skyline Drive Billerica, MA 01821
Citizenship:	USA
Post Office Address:	2 Skyline Drive Billerica, MA 01821